

**METHOD AND APPARATUS FOR INCREASING THE EFFECTIVENESS
OF ELECTRICAL DISCHARGE WEAPONS**

ABSTRACT OF THE DISCLOSURE

[001] A cartridge for propelling a pair of wire-tethered contact darts for disabling a remote target with an electrical discharge. The cartridge comprises two bores each having one wire-tethered dart in front of an electrically activated pyrotechnic. In order to avoid creating short arcing gaps after ignition of the pyrotechnics, the pyrotechnics are connected in electrical parallel with the wire-tethered darts so that current passing through the target does not have to arc across gaps left by the pyrotechnics. Two embodiments are presented, one in which the pyrotechnics are in series with the other and one in which they are in parallel relation to each other.